

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT4533736

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
EMILY ROSETTE CLARK	07/11/2017
JAMES RICHARD WINKA	07/28/2017
DANIEL ROBINSON GETSINGER	07/26/2017
THOMAS EARL DYSON	07/26/2017
BRIAN GENE BRZEK	07/31/2017
JAMES FREDRIC WIEDENHOEFER	08/01/2017
WILLIAM ROBB STEWART	07/31/2017
RECEIVING PARTY DATA	
Name:	GENERAL ELECTRIC COMPANY
Street Address:	1 RIVER ROAD
City:	SCHENECTADY
State/Country:	NEW YORK
Postal Code:	12345
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15667765
CORRESPONDENCE DATA	
Fax Number:	(616)742-1010
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
Phone:	6167423500
Email:	patents@mcgarrybair.com
Correspondent Name:	MCGARRY BAIR PC
Address Line 1:	45 OTTAWA AVE SW, SUITE 700
Address Line 4:	GRAND RAPIDS, MICHIGAN 49503
ATTORNEY DOCKET NUMBER:	317646/72266-0399
NAME OF SUBMITTER:	MARK A. DAVIS
SIGNATURE:	/Mark A Davis/
DATE SIGNED:	08/03/2017

Total Attachments: 9

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COMBINED DECLARATION AND GLOBAL ASSIGNMENT
FOR UTILITY OR DESIGN PATENT APPLICATION

As the below named inventor(s), I/we hereby declare that:

This declaration and assignment are directed to:

ENGINE COMPONENT WITH HOLLOW TURBULATORS

- the specification of which is attached hereto OR
 United States application or PCT international application number _____ filed on _____, as amended on [date] (if applicable).
(We hereby authorize and request the Company or its delegated attorneys or agents to insert above the application number and filing date of the application when known.)

The above-identified application was made or authorized to be made by us.

We believe that we are original joint inventors of a claimed invention in the application.

We hereby acknowledge that any willful false statement made in this declaration is punishable under 18 USC § 1001 by fine or imprisonment of not more than five (5) years, or both.

We have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment referred to above.

We acknowledge the duty to disclose information which is material to the patentability of this application as defined in 37 CFR § 1.56, including, for continuation-in-part applications, material information which became available between the filing date of the prior application and the filing date of the continuation-in-part application.

In accordance with our obligation(s) under an Employee Innovation and Proprietary Information Agreement or (as applicable) arising out of other agreements (such as, but not limited to, the Services Agreement between General Electric Company, a New York corporation, and our employers), and/or for other good and valuable consideration of which we acknowledge receipt, I/we,

Inventor First Name	Inventor Middle Name	Inventor Last Name		Residence Town	Residence State	Residence Country
Emily	Rosette	Clark	of	Cincinnati	OH	US
James	Richard	Winka	of	Princeton	NJ	US
Daniel	Robinson	Getsinger	of	Los Angeles	CA	US
Thomas	Earl	Dyson	of	Niskayuna	NY	US
Brian	Gene	Brzek	of	Clifton Park	NY	US
James	Fredric	Wiedenhoefer	of	Clifton Park	NY	US
William	Robb	Stewart	of	Boston	MA	US

v9.18.12

hereby sell and assign to:

Name of Company: General Electric Company
Entity Type (optional): a New York Corporation
Address: 1 River Road, Schenectady, New York 12345

herein referred to as "Company", its successors and assigns our entire respective rights, titles and interests in and to the invention and improvements made or conceived by us described in the application(s) listed above and in the following table:

Country of Filing	Type of Filing	Application Number	Filing Date	Title

(We hereby authorize and request the Company or its delegated attorneys or agents to insert above the application number and filing date of the application(s) when known.)

and any and all applications for patent and patents therefrom in any and all countries, including all divisions, continuations, continuations-in-part, reexaminations, renewals, and reissues thereof, and all rights of priority resulting from the filing of the application(s), and authorize and request any official whose duty it is to issue patents, to issue any patent on the inventions and improvements resulting therefrom to the Company, or its successors or assigns, and agree that on request and without further consideration, we will communicate to the Company or its representatives or nominees any facts known to us respecting the inventions and improvements and testify in any legal proceeding, make all rightful oaths, sign all lawful papers and execute all instruments or documents required or requested for the making and prosecution of any applications of any type for patent, utility model, or other similar rights in all countries including, but not limited to, any provisional, non-provisional, continuation, continuation-in-part, divisional, renewal or substitute thereof, for any derivation proceedings relating thereto, and, as to any patents that issue from such applications, for any supplemental examination, derivation proceeding, opposition, post grant review, reissue, re-examination, inter partes review, or extension thereof, and generally do everything possible to aid the Company, its successors, assigns, and nominees to obtain and enforce proper patent protection for the invention and its improvements in all countries.

Remuneration claims of the inventor(s)/assignor(s) potentially arising from German Law on Employee Inventions, or any other respective country law, remain unaffected by this assignment.

INVENTOR 1

Signature: Emily R Clark
Emily Rosette Clark

Date: 7/11/2017

Witnessed by: William C. Hopple
Signature

Date: 7/11/2017

William C. Hopple
Printed Name of Witness

Witnessed by: John Custer
Signature

Date: 7-11-2017

John Custer
Printed Name of Witness

SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY

Emily Rosette Clark

Date: _____

STATE OF

ss.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named Emily Rosette Clark, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal

(Notary Public)

INVENTOR 2

Signature: _____
James Richard Winka

Date: _____

Witnessed by: _____
Signature

Date: _____

Printed Name of Witness _____

Witnessed by: _____
Signature

Date: _____

Printed Name of Witness _____

SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY

James Richard Winka
James Richard Winka

Date: 7/28/2017

STATE OF New Jersey
COUNTY OF Mercer

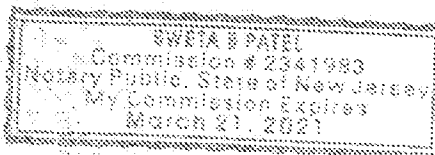
ss.

This 28th day of July, 2017 before me personally came the above-named **James Richard Winka**, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal

S. B. Patel

(Notary Public)



INVENTOR 3

Signature: *Daniel R. Getsinger*
Daniel Robinson Getsinger

Date: 7/26/2017

Witnessed by: *Erik Christiansen*
Signature

Date: 7-26-17

Erik Christiansen
Printed Name of Witness

Witnessed by: *Robert W. Whittesey*
Signature

Date: 7/26/17

Robert W. Whittesey
Printed Name of Witness

SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY

Daniel Robinson Getsinger

Date: _____

STATE OF _____

ss.

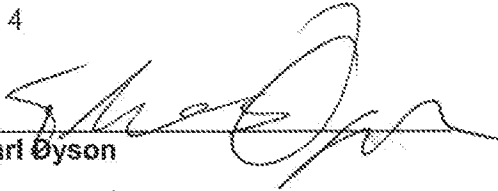
COUNTY OF _____

This _____ day of _____, _____ before me personally came the above-named **Daniel Robinson Getsinger**, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal

(Notary Public)

INVENTOR 4

Signature: 
Thomas Earl Dyson

Date: 7/26/17

Witnessed by: 
Signature

Date: 7/26/17

GUANG WU
Printed Name of Witness

Witnessed by: 
Signature

Date: 7/26/17

Owen Rickey
Printed Name of Witness

SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY

Thomas Earl Dyson Date: _____

STATE OF _____
COUNTY OF _____ ss.

This _____ day of _____, _____ before me personally came the above-named **Thomas Earl Dyson**, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal _____
(Notary Public)

INVENTOR 5

Signature: Brian Gene Brzek
Brian Gene Brzek

Date: 7/31/17

Witnessed by: [Signature]
Signature

Date: 7/31/17

Yuxin Zhang
Printed Name of Witness

Witnessed by: [Signature]
Signature

Date: 7/31/17

Gustavo Ledezma
Printed Name of Witness

SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY

Brian Gene Brzek

Date: _____

STATE OF

ss.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named Brian Gene Brzek, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal

(Notary Public)

GE Docket No. 317646/ McGarry Bair No. 72266-0399
ENGINE COMPONENT WITH HOLLOW TURBULATORS

INVENTOR 6

Signature: [Signature] Date: 8/1/2017
James Fredric Wiedenhofer

Witnessed by: [Signature] Date: 8/1/2017
Signature

RENU KAUCHUK
Printed Name of Witness

Witnessed by: [Signature] Date: 8/1/2017
Signature

David Hartley
Printed Name of Witness

SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY

_____ Date: _____
James Fredric Wiedenhofer

STATE OF _____
COUNTY OF _____ ss.

This _____ day of _____, _____ before me personally came the above-named **James Fredric Wiedenhofer**, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal _____
(Notary Public)

INVENTOR 7

Signature: [Handwritten Signature]
William Robb Stewart

Date: 7/31/17

Witnessed by: [Handwritten Signature]
Signature

Date: 7/31/17

Youngwon Shin
Printed Name of Witness

Witnessed by: [Handwritten Signature]
Signature

Date: 7/31/2017

NATTARAJAN CHENKIMALAI KUMAR
Printed Name of Witness

SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY

William Robb Stewart

Date: _____

STATE OF

ss.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named William Robb Stewart, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal

(Notary Public)